

油气地质与勘探

- 松北探区萨、葡、高油层油气成藏条件及有利区预测 黄桂雄(1)
乌尔逊凹陷地震反射终止类型及其纵向叠置特征与不整合界面的识别 龚华, 李忠权, 陈骁, 陈均亮(8)
鄂东地区中侏罗统陆相层序地层及其主控因素 段凯波, 陈留勤(15)
柴达木盆地北缘断裂构造特征及其控藏模式 冯志朋, 苏唔, 陈淑平(21)
贺兰山汝箕沟三叠纪钙质结核特征及环境意义 钟福平, 钟建华, 由伟丰, 寇卫锋, 边强(26)
欧利坨子地区沙三上段地层划分与对比 张景军, 柳成志, 杜先芳, 于泗海, 陈元春(30)

石油与天然气工程

- 聚丙烯酰胺溶液的黏弹性及影响因素 夏惠芬, 张九然, 刘松原(37)
低渗透油藏非达西渗流面积井网见水时间计算 郭粉转, 唐海, 吕栋梁, 曹峰(42)
水热裂解辅助蒸气吞吐强化辽河油田稠油开采的效果 张弦, 刘永建, 罗鹏飞, 苗国晶(46)
锥直喷嘴淹没磨料射流场的数值模拟 王常斌, 沈艳霞, 刘照东, 赵月, 朱云伟(51)
基于原油色谱烃指纹技术和网格线性法的合采井产能预测 何友松, 吴炜, 高明亮, 杨晓敏, 李衡宇(55)
特低渗透油藏分子膜增注技术试验与应用 卢红杰, 沈彬彬, 李雨龙, 刘富(60)
芳 48 区块低渗透油田 CO₂ 驱影响因素数值模拟 张明安(64)
考虑低渗透储层厚度非均质性的有效驱动半径计算及分析 刘今子, 宋洪庆, 朱维耀, 安岩, 张明江(68)

石油机械工程

- 抽油机井电动机降低启动功率方案 褚英鑫(73)

计算机与自动化工程

- 基于元数据驱动的通用数据迁移工具 任庆东, 李天阳, 袁满, 许翰文(76)
低功耗三分量感应测井仪发射电路设计 赵娜, 管国云, 聂在平, 李爱勇(81)
粒子群算法在克里金三维地质建模中的应用 张强, 许少华, 于文涛, 成洪甲(85)

经济管理

- 大庆市创业活动与经济增长关系实证分析 巩艳芬, 崔海燕, 崔明欣(90)

基础科学及其他

- 热力学系统定量研究之一:模型及基本概念 王志国, 陈键, 成庆林, 赵阳, 刘扬(96)
拉压载荷下焊缝的磁记忆表征及热处理评价 邢海燕, 陈鑫彧, 黄保富, 周福天(100)
漏泄同轴电缆编织孔隙内磁场的分布 杨旭, 王明吉(105)

本期 英文编辑 张继华 排版 美丽红 插图 张志华 责任编辑 陆雅玲

JOURNAL OF DAQING PETROLEUM INSTITUTE

CONTENTS

Vol. 35 No. 1 Feb. 2011 Sum No. 167

OIL-GAS GEOLOGY AND EXPLORATION

Oil accumulation condition and favorable area prediction of S,P,G oil layers in the exploration of Northern Songliao Basin	Huang Gui-xiong(1)
Seismic reflection termination type and the identification of its vertical overlay feature and unconformity interface of the Wu'erxun sag	GONG Hua, LI Zhong-quan, CHEN Xiao, et al(8)
The sequence stratigraphy and its main controlling factors of the middle Jurassic in Edong area	DUAN Kai-bo, CHEN Liu-qin(15)
The structure characteristic of fault and its control over hydrocarbon reservoir in the north of Chaidamu basin	FENG Zhi-peng, SU Wu, CHEN Shu-ping(21)
Characteristics and environmental significance of the calcareous concretions in Rujigou of Hela mountain	ZHONG Fu-ping, ZHONG Jian-hua, YOU Wei-feng, et al(26)
Stratigraphic classification and correlation of the upper section of ES3 in Oulizuozi area	ZHANG Jing-jun, LIU Cheng-zhi, DU Xian-fang, et al(30)

PETROLEUM AND NATURAL GAS ENGINEERING

Viscoelasticity and factors of polymer solution	XIA Hui-fen, ZHANG Jiu-ran, LIU Song-yuan(37)
Calculation of water breakthrough time in non-Darcy seepage flow well pattern of low permeability reservoirs	GUO Fen-zhuan, TANG Hai, LV Dong-liang, et al(42)
Aquathermolysis assisted steam stimulation technology for improving heavy oil recovery efficiency	ZHANG Xian, LIU Yong-jian, LUO Peng-fei, et al(46)
Numerical simulation of straight cone nozzle abrasive water jets submerged	WANG Chang-bin, SHEN Yan-xia, LIU Zhao-dong, et al(51)
Forecasting model of productivity contribution in commingled oil wells based on crude oil hydrocarbon chromatography fingerprint technology and grid linear method	HE You-song, WU Wei, GAO Ming-liang, et al(55)
Experiment and application of augmented injection technology on molecular film in super low permeable reservoirs	LU Hong-jie, SHEN Bin-bin, LI Yu-long, et al(60)
Numerical simulation of affecting factors of CO ₂ flooding in low permeability reservoir of Fang 48 block	ZHANG Ming-an(64)
Calculation and analysis of effective drive radius with the consideration of non homogeneity in low permeability reservoir thickness	LIU Jin-zi, SONG Hong-qing, ZHU Wei-yao, et al(68)

PETROLEUM MECHANICAL ENGINEERING

The design of depressurizing well electromotor startup power	CHU Ying-xin(73)
--	------------------

COMPUTER AND AUTOMATION ENGINEERING

Generalized data migration tool based on metadata-driven	REN Qing-dong, LI Tian-ying, YUAN Man, et al(76)
Design of low power transmitter circuit in 3-D induction logging tool	ZHAO Na, GUAN Guo-yun, NIE Zai-ping, et al(81)
Application of particle swarm optimization to Kriging three-dimensional geological modeling	ZHANG Qiang, XU Shao-hua, YU Wen-tao, et al(85)

ECONOMY AND MANAGEMENT

Empirical analysis of relationship between entrepreneurial activities and economic growth in Daqing	GONG Yan-fen, CUI Hai-yan, CUI Ming-xin(90)
---	---

BASIC SCIENCE

Quantitative study of thermodynamics system (I): model and basic concepts	WANG Zhi-guo, CHEN Jian, CHENG Qing-lin, et al(96)
MMM Characterization of welded joint and heat treating evaluation under tension and compression loading	XING Hai-yan, CHEN Xin-yu, HUANG Bao-fu, et al(100)
Distribution of magnetic field in the diamond-shaped aperture of a braided coaxial cable	YANG Xu, WANG Ming-ji(105)

English Editor ZHANG Ji-hua